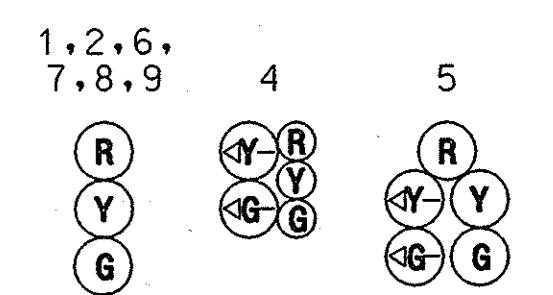


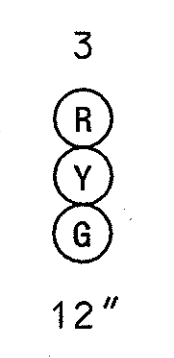
MD 75 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

EXISTING SIGNALS TO REMAIN

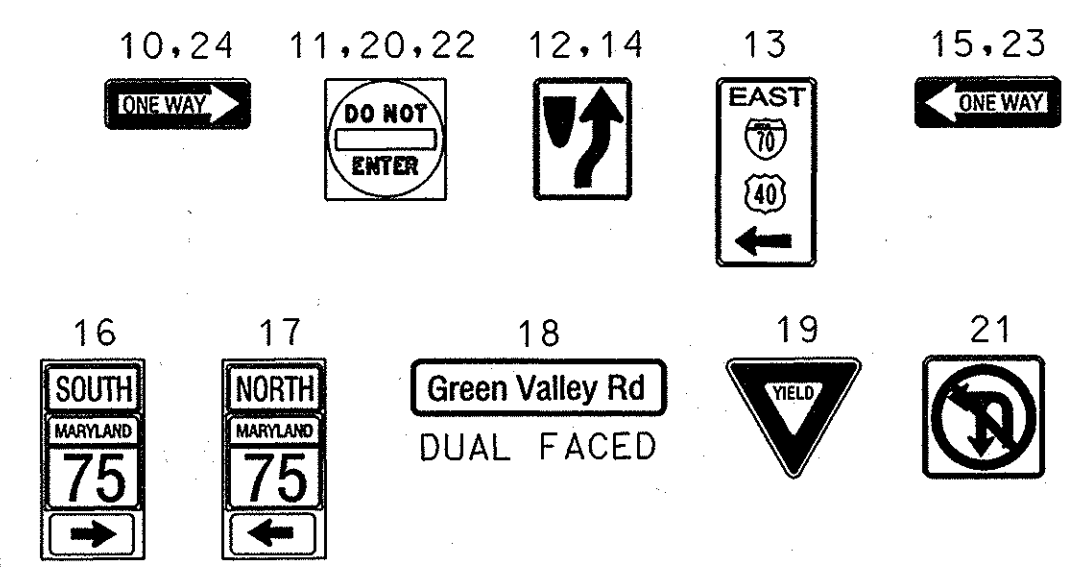


a, b
EXISTING VIDEO
DETECTION

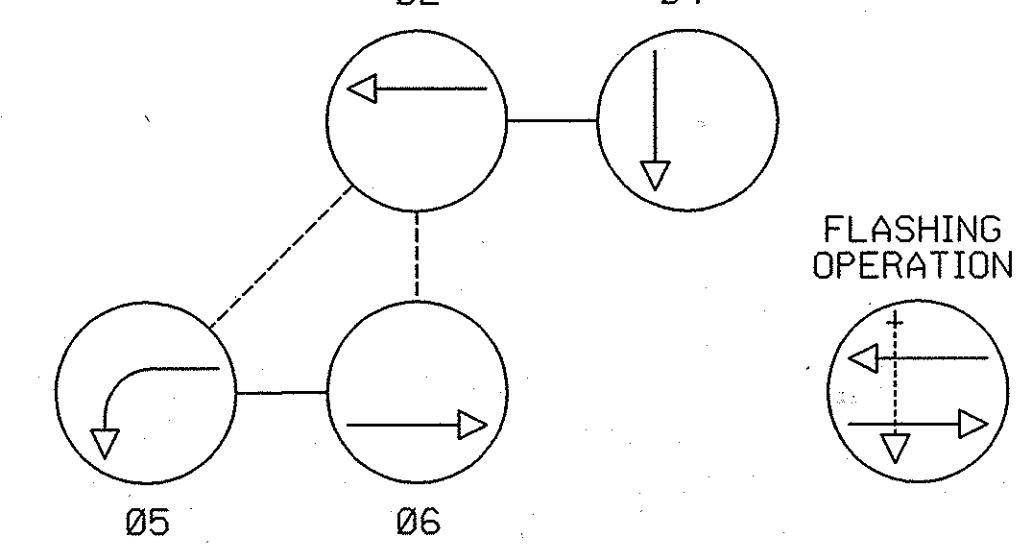
PROPOSED LED SIGNALS



EXISTING SIGNS



NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

PROJECT DESCRIPTION

GENERAL
THIS PROJECT INVOLVES THE INSTALLATION OF A THIRD LED SIGNAL HEAD FOR THE NORTHBOUND APPROACH OF MD 75 AT THE INTERSECTION OF MD 75 AND THE EASTBOUND I-70 RAMP IN FREDERICK COUNTY. MD 75 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION
THIS INTERSECTION WILL CONTINUE TO OPERATE IN A NEMA FOUR-PHASE, FULL-TRAFFIC-ACTUATED MODE WITH EXCLUSIVE/PERMISSIVE PHASING FOR THE SOUTHBOUND DIRECTION.

THE CONTACT PERSONS FOR DISTRICT #7 ARE AS FOLLOWS:

- Mr. John Concannon
Assistant District Engineer - Traffic
Phone: 301-624-8140
- Ms. Andrea Abend
Assistant District Engineer - Utility
Phone: 301-624-8115
- Mr. Ray Johnson
Assistant District Engineer - Maintenance
Phone: 301-624-8105
- Mr. Richard L. Daff Sr.
Chief, Traffic Operations Division
Phone: 410-787-7630
- Mr. Edward Rodenhizer
Chief, SHA Signal Shop
Phone: 410-787-7652
- Mr. Bob Snyder
Traffic Operations Division
Phone: 410-787-7630
- The Power Company Representative Is:
Baltimore Gas and Electric Company
7317 Parkway Drive South
Hanover, MD 21076
Phone: 410-859-9062

EQUIPMENT LIST 'A'

EQUIPMENT TO BE FURNISHED BY THE SHA.

ITEM NO	QUANTITY	DESCRIPTION
9000	3 EA	12 INCH LED SIGNAL HEAD SECTION
9000	50 LF	ELECTRICAL CABLE - 5 CONDUCTOR (NO.14 AWG)

CONSTRUCTION DETAILS

A. INSTALL NEW LED TRAFFIC SIGNAL HEAD

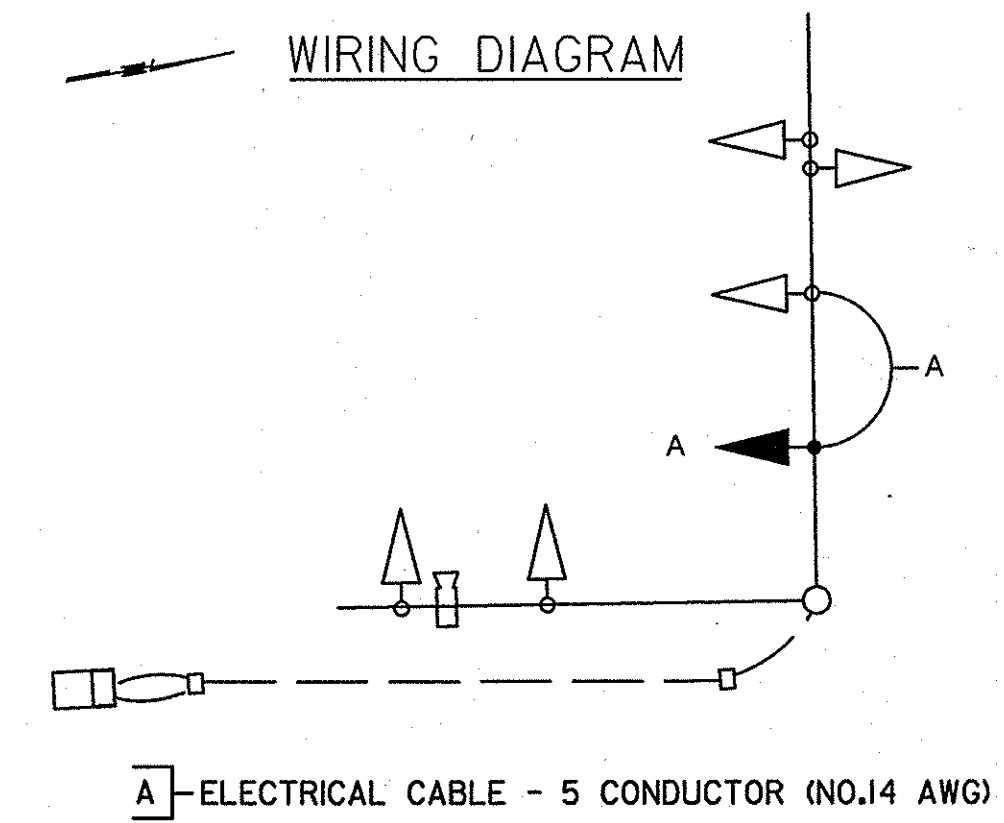
GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

- SD — SD — STORM DRAIN
G — G — GAS MAIN
W — W — WATER MAIN
S — S — SEWER MAIN
E — E — ELECTRIC CABLES
A — A — AERIAL CABLES
T — T — TELEPHONE CABLES
F — F — FIBER-OPTIC

WIRING DIAGRAM



GENERAL NOTES (CONTINUED)

1. MAINTENANCE OF TRAFFIC WILL BE HANDLED UTILIZING MDSA STANDARD TYPICALS FOR TRAFFIC CONTROL.
2. THE SHA SIGNAL SHOP WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ROUTING AND PROPERLY LABELING ALL SIGNAL CABLES.
3. THE SHA SIGNAL SHOP SHALL REMOVE AND DISPOSE OF ALL ABANDONED ELECTRICAL CABLES.
4. THE SHA SIGNAL SHOP SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
EASTBOUND I-70 ONRAMP MD 75

SIGNALIZATION PLAN SHEET			
SCALE 1" = 20' ADVERTISED DATE 11/7/08 CONTRACT NO.			
DESIGNED BY	DPN/V	COUNTY	FREDERICK
DRAWN BY	DPN/PS	LOGMILE	10007508.02
CHECKED BY	CT	TIMS NO.	1728
F.A.P. NO.	N/A	TOD NO.	
TS NO.	4499A	DRAWING	SG-01 OF 02 SHEET NO. OF

APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	
ORIGINAL ON FILE	
A. INSTALL THIRD SIGNAL FOR NB MD 75 SHA SIGNAL SHOP FORCES	
SDY	11/08

PLOTTED: Thursday, October 30, 2008 AT 03:52 PM
FILE: J:\DATA\1728\Drawings\1728SGP01.dgn